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SERBIA ENERGY EFFICIENCY ACTIVITY

The USAID Serbia Energy Efficiency Activity (SEEA) is a two-year, \$1.1 million activity intended to reduce gas fuel consumption and dependency on imported fuel through improved energy efficiency in the provision of heating at the local level. SEEA aims to improve the efficiency of Serbian district heating systems by decreasing the amount of fuel required to meet consumers' heating needs.

USAID regional projects also support Serbia's energy sector by improving generation, distribution, oversight, and security of several regional platforms. The regional projects work with the Ministry of Mining and Energy, the Energy Agency of the Republic of Serbia, the state-owned electric power company (EPS), the national transmission operator (EMS), and government officials.

ACTIVITIES

- SEEA helps partner district heating companies (DHCs) finance and implement energy improvements using funding from USAID, their own resources or by receiving funding through grants or bank loans from international financial institutions, Energy Service Contracting (ESCO,) or Public Private Partnerships (PPPs). The engineering team worked with selected companies on identifying the most critical interventions which could be addressed through the technical and financial framework of the project.
- SEEA is piloting projects in Niš, Pančevo, and Čačak to improve their district heating companies' efficiency and sustainability.
- In Niš, two boiler rooms were re-fitted with new equipment (burner, pipes, sensors), automation. During the heating season 2019/2020, energy efficiency at these locations was improved by 27%.
- In Čačak, 25 substations were fully automated and networked through a supervisory control and data acquisition (SCADA) system to enable remote control and operation. During the heating season 2019/2020, energy efficiency of their operations was improved by 37%.

- In Pančevo, USAID installed 200 additional solar thermal panels on the roof of the boiler room with a capacity of 350 kWh that have since late December 2019 produced 65000 kWh of heat energy – the equivalent to 8000 m³ of natural gas.

ADDITIONAL INFORMATION

PROJECT FUNDING

U.S. Agency for International Development (USAID/Serbia)

TOTAL FUNDING

\$1,160,000

PROJECT IMPLEMENTATION

Tetra Tech ES, Inc. (in cooperation with E3 International)

CONTACT DETAILS

Tetra Tech, 1320 N. Courthouse Rd.,
Arlington, VA 22201

KEY COUNTERPARTS

Municipalities; District Heating Companies; Association of DH Companies of Serbia; Standing Conference of Towns and Municipalities

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PROJECT SPAN

Nationwide

September 2018 – December 2020